

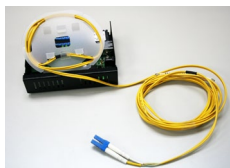
EL2326 Series

OAM Managed 10/100/1000BASE-TX to 100/1000BASE-X Dual Rate Media Converter



Value

- › Auto sense for the fiber transmission rate at 100BASE and 1000BASE connections
- › Mechanical design prevents physical contact with fiber transceiver while the case is sealed
- › Supports Dying Gasp for device failure report



The mechanical design prevents physical contact with fiber transceiver while the case is sealed

Features

- › Complies with IEEE802.3 10BASE-T, 802.3u 100BASE-TX, 802.3ab 1000BASE-T, 802.3z 1000BASE-X
- › Complies with IEEE 802.3ah OAM standard
- › Supports SNMP V1, V2 Management
- › Supports Q in Q double tagged frame transparent
- › Supports Dip-switch for Link Fault Pass Through configuration
- › Supports IN-BAND Loop Back and Diagnostic
- › Gigabit transmission supports 9K bytes jumbo frame
- › Built-in Fiber Tray, for ease of fiber cable management and installation
- › One fiber interface supports dual rate 100/1000BASE-X fiber transmission
- › Supports IEEE802.3x Flow controls: Flow control for full duplex and Back pressure for half duplex
- › Auto-Negotiation, Auto-MDI/MDIX
- › Full wire-speed forwarding rate

Ordering Information

EL2326-**X1Z** OAM Managed 10/100/1000BASE-TX to 100/1000BASE-X Dual Rate Media Converter

Gigabit Options :

- (X) = 3 : 1000BASE-SX (SC) - 550m (850nm)
 4 : 1000BASE-SX (SC) - 2Km (1310nm)
 5 : 1000BASE-SX (ST) - 550Km (850nm)
 A : 1000BASE-LX (SC) - 10Km (1310nm)
 B : 1000BASE-LX (SC) - 20Km (1310nm)
 E : 1000BASE-LX (SC) - 40Km (1310nm)
 R : 1000BASE-BX (SC) WDM -TX:1310nm/RX:1550nm - 20Km
 S : 1000BASE-BX (SC) WDM -TX:1550nm/RX:1310nm - 20Km
 V : 100/1000BASE-X SFP

- (Z) = A : with external power adapter for AU
 E : with external power adapter for EU
 J : with external power adapter for JP
 K : with external power adapter for UK
 U : with external power adapter for USA
 3C : with external power adapter for China

Specifications

Technology	
Standards	• IEEE802.3, 10BASE-T • IEEE802.3u, 100BASE-TX • IEEE802.3ab, 1000BASE-T, • IEEE802.3z, 1000BASE-SX/1000BASE-LX • IEEE802.3x, full-duplex flow control
Forward and Filtering Rate	• 14,880pps for 10Mbps • 148,810pps for 100Mbps • 1,488,100pps for 1000Mbps

Power	
Input	• Input Voltage: 12VDC
Power Consumption	• 3W Max. 0.25A @ 12VDC

Mechanical	
Casing	• Metal case • IP30
Dimensions	• 100 mm (W) x 122mm (D) x 32.5mm (H) (3.94"(W) x 4.8" (D) x 1.28" (H))
Weight	• 350g (0.77lbs.)
Installation	• Wall Mounting

Interface	
Ethernet Port	• 10/100/1000BASE-TX: 1 port • 100/1000BASE-SX/LX/BX: 1 port
LED Indicators	• Per Unit: Power Status, OAM loop • Per Port: FX/TX Speed, Link/Activity, Full-duplex

Environment	
Operating Temperature	• -5°C to 55°C (-23°F to 131°C)
Storage Temperature	• -20°C to 70°C (-4°F to 158°F)
Ambient Relative Humidity	• 5% to 95% (non-condensing)

Regulatory Approvals	
ISO	• Manufactured in an ISO9001 facility
Emission Compliance	• CE Mark Class A, • FCC Part 15 Class A • VCCI Class A

Diagrams

